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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/788,402      | 02/21/2001  | Rayner Brondrup      | 3842-7              | 5430             |

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EXAMINER

OUELLETTE, JONATHAN P

ART UNIT

PAPER NUMBER

3629

DATE MAILED: 07/14/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/788,402

Applicant(s)

BRONDRUP, RAYNER

Examiner

Jonathan Ouellette

Art Unit

3629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 15 April 2003 and 08 May 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 11-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 11-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 9.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

## DETAILED ACTION

### *Response to Amendment*

1. Claims 1-10 have been cancelled, Claims 11-20 have been added. Therefore, Claims 11-20 are now pending in application 09/788,402.

### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.
3. Claims 11-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over DeLorme et al. (US 5,948,040) in view of Pinzon (US 6,161,005).
4. As per independent Claims 11 and 16, DeLorme discloses a method (system) for providing wireless facility reservation and/or check-in and access control in a system comprising a communication network interconnecting a telecommunication system adapted to communicate wirelessly with a wireless telecommunication device of a wireless terminal and a reservation/IT system of a facility, said wireless terminal including the wireless telecommunication device connected to the second wireless communication device and being arranged to communicate to the reservation/IT system a

reservation and/or check-in request of a terminal user (Abstract, Fig 4, Fig. 9B, C8 L33-65, C16 L32-59, C79 L63-67, C80 L1-38).

5. DeLorme fails to expressly disclose wherein the said reservation/IT system is connected to a remotely operable door lock of the facility, said remotely operable door lock including a lock device and a first wireless device adapted to communicate wirelessly with a second wireless device of the wireless terminal, the method comprising: generating in the reservation/IT system a key upon receiving the reservation and/or check-in request, communicating the key from the reservation/IT system to the wireless terminal, communicating information corresponding to the key from the reservation/IT system to the remotely operable door lock, obtaining wirelessly by the remotely operable door lock the key from the wireless terminal when the second wireless device and the first wireless device are mutually in-range, and actuating the lock device if the key obtained by the remotely operable door lock from the wireless terminal corresponds to the information received from the reservation/IT system.
6. Pinzon teaches an IT system that is connected to a remotely operable door lock of the facility (hotel: C2 L61-65), said remotely operable door lock including a lock device and a first wireless device adapted to communicate wirelessly with a second wireless device of the wireless terminal (Abstract, Figs.1-4, C2 L38-65), the method comprising: generating in the reservation/IT system a key upon receiving the request, communicating the key from the IT system to the wireless terminal, communicating information corresponding to the key from the IT system to the remotely operable door lock (C2 L38-65), obtaining wirelessly by the remotely operable door lock the key from the wireless

terminal when the second wireless device and the first wireless device are mutually in-range (C3 L40-43), and actuating the lock device if the key obtained by the remotely operable door lock from the wireless terminal corresponds to the information received from the reservation/IT system (C2 L38-65).

7. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have included wherein the said reservation/IT system is connected to a remotely operable door lock of the facility, said remotely operable door lock including a lock device and a first wireless device adapted to communicate wirelessly with a second wireless device of the wireless terminal, the method comprising: generating in the reservation/IT system a key upon receiving the reservation and/or check-in request, communicating the key from the reservation/IT system to the wireless terminal, communicating information corresponding to the key from the reservation/IT system to the remotely operable door lock, obtaining wirelessly by the remotely operable door lock the key from the wireless terminal when the second wireless device and the first wireless device are mutually in-range, and actuating the lock device if the key obtained by the remotely operable door lock from the wireless terminal corresponds to the information received from the reservation/IT system, as disclosed by Pinzon in the system disclosed by DeLorme, for the advantage of providing a system (method) for providing wireless hotel search and selection, with the ability to increase customer service and satisfaction by offering express/direct room access after a reservation has been confirmed and paid, through the use of mobile technology (Pinzon: C3 L47-53).

8. As per Claim 12 and 17, DeLorme and Pinzon disclose obtaining wirelessly by a wireless monitoring unit connected to the reservation/IT system, said wireless monitoring unit including a third wireless device, the key from the wireless terminal when the second wireless device and the third wireless device are mutually in-range, communicating the key obtained from the wireless terminal from the wireless monitoring unit to the reservation/IT system, (DeLorme: Abstract, Fig 4, Fig. 9B, C8 L33-65, C16 L32-59, C79 L63-67, C80 L1-38) (Pinzon: Abstract, Figs.1-4, C2 L38-65).
9. Neither DeLorme nor Pinzon expressly disclose invalidating in the reservation/IT system and any connected remotely operable door lock any information corresponding to the key obtained by the wireless monitoring unit if a reservation period associated with the key has expired.
10. However, Pinzon does teach using the door security system for hotels and varying the door locking codes periodically (C2 L38-65); furthermore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to change the code of the door security system once a hotel guest's stay is over or if the hotel guest did not pay the bill, the same way as the hotel management would take a physical key away from the departing or delinquent guest.
11. As per Claim 13 and 18, DeLorme and Pinzon disclose communicating a payment request from the reservation/IT system to a payment server connected to the communication network upon invalidating the key if a payment for a reservation associated with the invalidated key has not been registered in the hotel reservation/IT system at the time of invalidating the key (see rejection for Claims 12 and 17) (DeLorme:

Abstract, Fig 4, Fig. 9B, C8 L33-65, C16 L32-59, C79 L63-67, C80 L1-38) (Pinzon: Abstract, Figs.1-4, C2 L38-65).

12. As per Claim 14 and 19, DeLorme and Pinzon disclose communicating the reservation and/or check-in request by means of WAP (WML/WML Script), a web application (HTML/Java Script) or a Java Application/Applet (DeLorme: Abstract, Fig 4, Fig. 9B, C8 L33-65, C16 L32-59, C79 L63-67, C80 L1-38).
13. As per Claim 15 and 20, DeLorme and Pinzon disclose encrypting by the reservation/IT system the key to be communicated to the wireless terminal (Pinzon: Abstract, Figs.1-4, C2 L38-65).

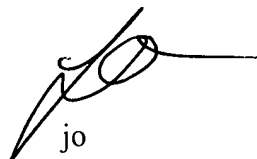
***Response to Arguments***

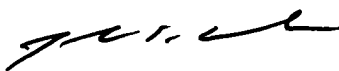
14. Applicant's arguments filed 4/15/03, with respect to Claims 1-10, have been considered but are moot in view of the new ground(s) of rejection.
15. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).
16. A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

*Conclusion*

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jonathan Ouellette whose telephone number is (703) 605-0662. The examiner can normally be reached on Monday through Thursday, 8am - 5:00pm.
18. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Weiss can be reached on (703) 308-2702. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-7687 for regular communications and (703) 305-3597 for After Final communications.
19. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-5484.

  
jo  
July 9, 2003

  
**JOHN G. WEISS**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 3600**